Yaman Birla

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Experience

Intern Software Developer at Techsolvo LLP,   Feb 2022– July 2022

- Worked in Solana Blockchain and POC Work.
- Prepared documented tutorials for various Blockchain Platforms.
- Studied Metaverse and Prepared various Case-Studies of its Applications.
- Added Golang, Rust, and Data-Visualization with Python tutorials on the Codersdaily site.
- Added Golang development beginner projects as technical blogs on the site.

Indian Institute of Information technology, Nagpur

Summer Research Intern, May 2021 – July 2021

- Worked in Digital Twin Technology for Industrial IoT.
- Learned about the rapid development of Digital Twin in Industry 4.0
- Integration of Applied Machine Learning in Digital Twin.
- Prepared a Review paper of more than 50 research papers.

The Sparks Foundation

Data Science and Business Analytics Intern, May 2021 – June 2021

- Completed Various Tasks related to Machine learning Problems.

EDUCATION

Shri G.S. Institute of Technology and Science– Indore, Madhya Pradesh 2019-2023 Bachelor of Technology, Electronics & Communication Engineering

- Completed 3 bachelor's with a cumulative GPA of **7.82**.
- Presented a business idea in an event named **'Ideathon'** Organised by E-Cell, Sgsits.

Miss Hill Higher Secondary School - Gwalior, Madhya Pradesh *2018* Senior Secondary

- Completed my 10+2 from board CBSE with 80.4%.
- Achieved 95.5 Percentile in JEE Mains 2019.

Miss Hill Higher Secondary School - Gwalior, Madhya Pradesh *2016* Senior School.

- completed my high school from the CBSE board with a Cumulative GPA of 9.0

PLATFORMS WORKED

- **Operating Systems:** Windows, Ubuntu, Mac.
- **Programming Skills:** Python, Django, SQL.
- **Data Science:** Machine Learning, NumPy, Pandas, Python Data Visualization libraries, Data Analytics.
- **Software Skills:** MS Office, Power BI, Git, Data Structures & Algorithms, Object-Oriented Programming.

PROJECTS

- **Iris Dataset using k-means Clustering:** Used KMeans Clustering algorithm on Iris Dataset and make clusters or classify the flowers based on the features like sepal length, sepal width, and same for petal and implemented the k-means algorithm from scratch.
- **Discord and Slack Bot in Golang:** Made discord and slack bot in Golang, Both bots respond with some reserved commands.
- **Smart Notes:** This is a Django-based web app made from scratch. It creates notes for a specific user and allows them to make alterations in their text i.e. edit & delete.
- **Predict Titanic Survival:** Using Logistic Regression, built a model that predicts which passengers

survived the sinking of the Titanic, based on the features like age and class with an **accuracy of 80%**.
● **Tic Tac Toe Connect-4:** Used AI decision-making algorithm "**Minimax**", to create a Tic Tac Toe game that connects a streak of four and is played by two AI's based on Intelligence which can vary.

ADDITIONAL

Hackathon: Cleared Round 1 of Publicis Sapient (Jumpstart) 2022, Secured rank in the top 5% event Code Creed organized by MissionEd. Achieved 108 Rank in GFG job-a-thon July.

Certifications & Training:	Completion year:
● Database Foundations from Linkedin Learning	**2023**
● Django Essential Training from Linkedin Learning	**2023**
● Sustainable Business Through Green HR from RMIT University Australia via Futurelearn..	**2021**
● Certified Data Analyst with Portfolio	**2021**
● Completed Cloud Engineering Track in 30 days **Google Cloud** Program 2021.	**2021**
● Completed Various Courses from **Codecademy** in Computer Science and Data Science	**2021-22**
● Python & Data Science Certifications from **letsUpgrade (NSDC & Skill India)**.	**2020**
● Scored 95 percentile(nationally) in the 'Logical Ability' section in the **AMCAT** employability test in December 2020	**2020**

Languages: Professional English, Hindi, German (Beginner).